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| Terms | Documents |
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| L39 and (block adj copolymer) | 1 |

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Search:

L40

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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

| | | | |
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| <u>L40</u> | L39 and (block adj copolymer) | 1 | <u>L40</u> |
| <u>L39</u> | L38 and ((water adj based) or (water adj dispersible)) | 8 | <u>L39</u> |
| <u>L38</u> | L37 and ((free adj radical adj polymerization) or (graft adj polymerization) or (free adj radical adj polymerization) or initiator) | 42 | <u>L38</u> |
| <u>L37</u> | L36 and crosslink\$3 | 96 | <u>L37</u> |
| <u>L36</u> | L9 and ((carbamate adj functional adj acrylic adj resin) or (carbamate adj functional adj acrylic adj polymer)) | 98 | <u>L36</u> |
| <u>L35</u> | L33 and (water adj base) | 1 | <u>L35</u> |
| <u>L34</u> | L33 and ((water adj dispers\$2) or (dispersible adj water)) | 0 | <u>L34</u> |
| <u>L33</u> | L10 and (carbamate adj functional) | 127 | <u>L33</u> |
| <u>L32</u> | L31 and (crosslinking adj agent) | 0 | <u>L32</u> |

| | | | |
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| L31 | L29 and (water adj dispersible) | 2 | L31 |
| L30 | L29 and (amine adj curable) | 0 | L30 |
| L29 | L28 and (carbamate adj functional adj group) | 5 | L29 |
| L28 | L27 and (block adj copolymer) | 286 | L28 |
| L27 | L9 and ((acrylic adj resin) or acrylate) | 3340 | L27 |
| L26 | L25 and convert | 0 | L26 |
| L25 | L24 and (carbonate adj functional adj group) | 3 | L25 |
| L24 | L12 and (ethylenically adj unsaturated adj monomers) | 439 | L24 |
| L23 | L22 and (free adj radical adj polymeriz%2) | 0 | L23 |
| L22 | L20 and (block adj copolymer) | 17 | L22 |
| L21 | L20 and (block adk copolymer) | 34 | L21 |
| L20 | L19 and (carbamate or (carbamate adj functional)) | 37 | L20 |
| L19 | L10 and ((water-based) or (water adj dispers\$3)) | 321 | L19 |
| L18 | L17 and (dispersible adj water) | 2 | L18 |
| L17 | L16 and (((crosslinking adj agent) or (reactive adj crosslinking adj agent))) | 67 | L17 |
| L16 | L15 and (carbamate or (carbamate adj functional)) | 74 | L16 |
| L15 | L14 and (block adj copolymer) | 183 | L15 |
| L14 | L12 | 1073 | L14 |
| L13 | L12 and (second adj block) | 2 | L13 |
| L12 | L11 and ((vinyl adj aromatic adj hydrocarbon) or styrene or (alpha-methyl adj styrene) or diphenylethylene) | 1073 | L12 |
| L11 | L10 and ((free adj radical adj polymerization) or grafted or (free adj radical adj initiator) or initiator) | 1793 | L11 |
| L10 | L9 and ((alkyl adj acrylic adj acid) or (acrylic adj acid) or acrylate or methacrylate or (cycloaliphatic adj acrylate) or (cycloaliphatic adj methacrylate) or (alkyl adj acrylate) or (butyl adj acrylate) or (ethylhexyl adj acrylate) or (ethyl adj methacrylate)) | 3456 | L10 |
| L9 | curable adj coating | 6080 | L9 |
| L8 | L6 and carbamate | 3 | L8 |
| L7 | L6 and (carbamate adj functional adj group) | 1 | L7 |
| L6 | L5 and (second adj block adj copolymer) | 78 | L6 |
| L5 | first adj block adj copolymer | 140 | L5 |
| L4 | 5856382.pn. 5756213.pn. | 4 | L4 |
| L3 | 6040062 | 5 | L3 |
| L2 | 5723552.pn. | 2 | L2 |
| L1 | 5732552.pn. | 2 | L1 |

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 8 of 8 returned.**☐ 1. Document ID: US 20020169249 A1

L39: Entry 1 of 8

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169249

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169249 A1

TITLE: Aqueous dispersions for coating compositions

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|-------------------|-------|---------|---------|
| Borst, Joseph P. | Plymouth | MI | US | |
| Balatan, Sergio E. | West Bloomfield | MI | US | |
| Ohrbom, Walter H. | Hartland Township | MI | US | |
| Weise, Robert D. | Harper Woods | MI | US | |
| Law, Davide J. | Livonia | MI | US | |

US-CL-CURRENT: 524/501

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw | Desc | Image | | | | | | | |

KWC

☐ 2. Document ID: US 20020040112 A1

L39: Entry 2 of 8

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020040112

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020040112 A1

TITLE: Modified aminoplast crosslinkers and powder coating compositions containing such crosslinkers

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------|--------------|-------|---------|---------|
| Ambrose, Ronald R. | Pittsburgh | PA | US | |
| Chasser, Anthony M. | Allison Park | PA | US | |
| Hu, Shengkui | Baden | PA | US | |
| Smith, Jackie L. | Mars | PA | US | |

US-CL-CURRENT: 525/452

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image | | | | | | | | |

KMIC

☐ 3. Document ID: US 20020014412 A1

L39: Entry 3 of 8

File: PGPB

Feb 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020014412

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020014412 A1

TITLE: Multilayer coating and process for its production

PUBLICATION-DATE: February 7, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|-----------------|-------|---------|---------|
| December, Timothy S. | Rochester Hills | MI | US | |

US-CL-CURRENT: 204/484; 204/493, 204/500

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image | | | | | | | | |

KMIC

☐ 4. Document ID: US 6387519 B1

L39: Entry 4 of 8

File: USPT

May 14, 2002

US-PAT-NO: 6387519

DOCUMENT-IDENTIFIER: US 6387519 B1

TITLE: Cured coatings having improved scratch resistance, coated substrates and methods thereto

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|--------------|-------|----------|---------|
| Anderson; Lawrence G. | Pittsburgh | PA | | |
| Barkac; Karen A. | Murrysville | PA | | |
| Chasser; Anthony M. | Allison Park | PA | | |
| DeSaw; Shawn A. | McMurray | PA | | |
| Hartman; Marvis E. | Pittsburgh | PA | | |
| Hayes; Deborah E. | Verona | PA | | |
| Hockswender; Thomas R. | Gibsonia | PA | | |
| Kuster; Kymarie L. | Pittsburgh | PA | | |
| Montague; Robert A. | Allison Park | PA | | |
| Nakajima; Masayuki | Wexford | PA | | |
| Olson; Kurt G. | Gibsonia | PA | | |
| Richardson; Jamel S. | Ann Arbor | MI | | |
| Sadvary; Richard J. | Pittsburgh | PA | | |
| Simpson; Dennis A. | Pittsburgh | PA | | |
| Tyebjee; Shiryn | Allison Park | PA | | |
| Wilt; Truman F. | Clinton | PA | | |

US-CL-CURRENT: 428/447; 428/323, 428/331, 428/409, 428/423.1, 428/450, 524/492,
524/493, 524/588, 524/589, 524/590

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw | Desc | Image | | | | | | | | |

☐ 5. Document ID: US 6380323 B1

L39: Entry 5 of 8

File: USPT

Apr 30, 2002

US-PAT-NO: 6380323

DOCUMENT-IDENTIFIER: US 6380323 B1

TITLE: Electrocoat resin compositions containing carbamate functional resins having one or more quaternary ammonium groups and at least one carbamate functional reactive additive

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------|-------|----------|---------|
| December; Timothy S. | Rochester | MI | | |

US-CL-CURRENT: 525/452; 525/484, 526/273, 528/99, 560/159

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw | Desc | Image | | | | | | | | |

☐ 6. Document ID: US 6342144 B1

L39: Entry 6 of 8

File: USPT

Jan 29, 2002

US-PAT-NO: 6342144

DOCUMENT-IDENTIFIER: US 6342144 B1

TITLE: Cured multilayer coating and processing for its production

DATE-ISSUED: January 29, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------|-------|----------|---------|
| December; Timothy S. | Rochester | MI | | |

US-CL-CURRENT: 204/488; 204/484, 204/486

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw | Desc | Image | | | | | | | | |

☐ 7. Document ID: US 6312576 B1

L39: Entry 7 of 8

File: USPT

Nov 6, 2001

US-PAT-NO: 6312576

DOCUMENT-IDENTIFIER: US 6312576 B1

TITLE: Multilayer electrodeposited composition

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------|-------|----------|---------|
| December; Timothy S. | Rochester | MI | | |

US-CL-CURRENT: 204/484; 204/493, 525/481, 525/510

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
| Draw Desc | Image | | | | | | | | |

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☐ 8. Document ID: US 5989642 A

L39: Entry 8 of 8

File: USPT

Nov 23, 1999

US-PAT-NO: 5989642

DOCUMENT-IDENTIFIER: US 5989642 A

TITLE: Method for preparing color-clear composite coatings having resistance to acid etching

DATE-ISSUED: November 23, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|------------|-------|----------|---------|
| Singer; Debra L. | Pittsburgh | PA | | |
| Swarup; Shanti | Gibsonia | PA | | |
| Mayo; Michael A. | Pittsburgh | PA | | |

US-CL-CURRENT: 427/407.1

| | | | | | | | | | |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
| Draw Desc | Image | | | | | | | | |

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| Terms | Documents |
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| L38 and ((water adj based) or (water adj dispersible)) | 8 |

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